

Title (en)

SYSTEM FOR TREATMENT/IRRADIATION OF A SURFACE IN A VEHICLE INTERIOR

Title (de)

SYSTEM ZUR BEHANDLUNG/BESTRAHLUNG EINER OBERFLÄCHE IN EINEM FAHRZEUGINNENRAUM

Title (fr)

SYSTÈME DE TRAITEMENT/IRRADIATION D'UNE SURFACE DANS UN HABITACLE DE VÉHICULE

Publication

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Application

EP 18899964 A 20181218

Priority

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- US 2018066184 W 20181218

Abstract (en)

[origin: WO2019139743A1] A system for treatment/irradiation of a surface in a vehicle interior is disclosed. The system may be configured to treat at least one surface of at least one object in an interior of a vehicle with irradiation in a dose. The system may comprise a base, a mechanism, a radiation source directed by the mechanism and a controller to operate the mechanism for the radiation source to administer irradiation. The controller may be programmed with a path for directed movement of the radiation source to administer irradiation. The controller may direct the radiation source to first and second positions at first and second zones for irradiation for first and second durations based on distance from the radiation source to the first and second zones. A method of treating at least one surface in an interior of a vehicle by irradiation from a radiation source is also disclosed.

IPC 8 full level

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CPC (source: EP US)

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A61L 2202/16 (2013.01 - EP); **A61L 2202/25** (2013.01 - EP)

Citation (search report)

- [XI] WO 2015012592 A1 20150129 - SEOUL VIOSYS CO LTD [KR]
- [X] JP 5197550 B2 20130515
- [X] KR 101408941 B1 20140617
- [X] US 2014241941 A1 20140828 - KREITENBERG ARTHUR [US]
- [X] WO 2008010684 A1 20080124 - HONG IN-PYO [KR]
- [X] US 2013341533 A1 20131226 - LEBEN DAVID G [US]
- See references of WO 2019139743A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

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US 2020306398 A1 20201001

DOCDB simple family (application)

US 2018066184 W 20181218; CN 201880081106 A 20181218; EP 18899964 A 20181218; US 202016902669 A 20200616